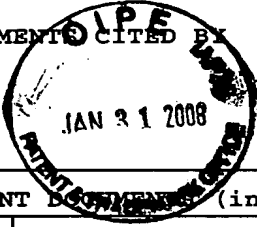


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			FIRST INVENTOR: KOGANTY, R.			
			FILING DATE: September 12, 2005			
			EXAMINER:		ART UNIT: 1643	
U.S. PATENT DOCUMENTS (include at least patentee, patent/pub number and issue date)						
EXAM. INITIAL	ID	DOCUMENT NUMBER	FILING, ISSUE OR PUBLICATION DATE MM-DD-YYYY	PATENTEE OR APPLICANT	Relevant Passage(s)	T*
	AA	4,235,871	11-25-1980	PAPAHADJOPOULOS, et al.		
	AB	4,501,728	02-26-1985	GEHO et al.		
	AC	4,837,028	06-06-1989	ALLEN		
	AD	4,868,155	09-19-1989	DURETTE, et al.		
	AE	5,019,369	05-28-1991	PRESANT, et al.		
	AF	5,019,383	05-28-1991	HOPP		
	AG	5,744,144	04-28-1998	FINN, et al.		
	AH	5,837,249	11-17-1998	HEBER-KATZ, et al.		
	AI	5,871,746	02-16-1999	BOUTILLON, et al.		
	AJ	5,993,823	11-30-1999	BOUTILLON, et al.		
	AK	6,013,779	01-11-2000	WONG, et al.		
	AL	6,015,564	01-18-2000	BOUTILLON, et al.		
	AM	6,344,203	02-05-2002	SANDRIN, et al.		
FOREIGN PATENT DOCUMENTS (include at least document number, publication date and country)						
EXAM. INITIAL	ID	COUNTRY CODE & DOCUMENT NUMBER	PUBLICATION DATE MM-DD-YYYY	PATENTEE OR APPLICANT	Relevant Passage(s)	T*
	AN	WO 93/21211	10-28-1993	LABORATORIOS MENARINI		E
	AO	WO 95/27505	10-19-1995	BIOMIRA, INC.		E
	AP	WO 01/36433	05-25-2001	BIOMIRA, INC.		E
	AQ	WO 02/076485	10-03-2002	BUDZYNSKI		E
	AR	EP 0 093 851	11-16-1983	NEW YORK BLOOD CENTER, INC		E
	AS	EP 0 203 676	12-03-1986	THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY		E
	AT	EP 0 230 893	08-05-1987	BRACCO INDUSTRIA CHIMICA		E
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	AU	EP 0 491 628	06-24-1992	PASTEUR INSTITUTE, et al.		A
	AV	EP 0 945 461	09-29-1999	PASTEUR INSTITUTE, et al.		A
	AW	EP 1 065 212	01-03-2001	PASTEUR INSTITUTE, et al.		A
	AX	EP 1 182 210	02-27-2002	BASTERT, Gunter, et al.		E
OTHER DOCUMENTS (include AUTHOR, title, name of publication, volume, pages & date of publication) Please list in alphabetical order.						
	AY	BROSSART, et al., "Identification of HLA-A2-Restricted T-Cell Epitopes Derived From the MUC1 Tumor Antigen for Broadly Applicable Vaccine Therapies", <u>BLOOD</u> , vol. 93, no. 12, pp. 4309-4317, June 15, 1999.				
	AZ	CARMON, et al., "Novel Breast-Tumor-Associated MUC1-Derived Peptides: Characterization in D <sup>b</sup> /X $\beta$ 2 Microglobulin ( $\beta$ 2m) Null Mice Transgenic for a Chimeric HLA-A2.1/D <sup>b</sup> - $\beta$ 2 Microglobulin Single Chain", <u>INT. J. CANCER</u> , vol. 85, pp. 391-397, 2000.				
	BA	DENTON, et al., "Sequential Order of T and B Cell Epitopes Affects Immunogenicity But Not Antibody Recognition of the B Cell Epitope", <u>PEPTIDE RESEARCH</u> , vol. 7, no. 5, pp. 258-264, 1994.				
	BB	DIEZ-BARRA, et al., Chemical Abstract, "Solvent-free phase transfer catalysis. Improvements on serine O-alkylation, Database accession no. 127:220955, 1997.				
	BC	ENGELMANN, et al., "Identification and Topology of Variant Sequences within Individual Repeat Domains of the Human Epithelial Tumor Mucin MUC1", <u>THE JOURNAL OF BIOLOGICAL CHEMISTRY</u> , vol. 276, no. 30, pp. 27764-27769, July 27, 2001.				
	BD	GENDLER, et al., "A Highly Immunogenic Region of a Human Polymorphic Epithelial Mucin Expressed by Carcinomas Is Made Up of Tandem Repeats", <u>THE JOURNAL OF BIOLOGICAL CHEMISTRY</u> , vol. 263, no. 26, pp. 12820-12823, September 15, 1988.				
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	BF	HILTBOLD, et al., "Naturally Processed Class II Epitope from the Tumor Antigen MUC1 Primes Human CD4 <sup>+</sup> T Cells", <u>CANCER RESEARCH</u> , vol. 58, pp. 5066-5070, November 15, 1998.				
	BG	KEIL, et al., "Towards the Development of Antitumor Vaccines: A Synthetic Conjugate of a Tumor-Associated MUC1 Glycopeptide Antigen and a Tetanus Toxin Epitope", <u>ANGEW. CHEM. INT. ED.</u> , vol. 40, no. 2, pp. 366-369, 2001.				
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OTHER DOCUMENTS (include author, title, name of publication, volume, pages and date of publication)			
	BH	KUDRYASHOV, et al., "Toward optimized carbohydrate-based anticancer vaccines: Epitope clustering, carrier structure, and adjuvant all influence antibody responses to Lewis <sup>x</sup> conjugates in mice", <u>PNAS</u> , vol. 98, no. 6, pp. 3264-3269, March 13, 2001.	
	BI	MARTINON, et al., "Immunization of Mice with Lipopeptides Bypasses the Prerequisite for Adjuvant", <u>THE JOURNAL OF IMMUNOLOGY</u> , vol. 149, no. 10, pp. 3416-3422, November 15, 1992.	
	BJ	MEYLAN, et al., "Atom/Fragment Contribution Method for Estimating Octanol-Water Partition Coefficients", <u>JOURNAL OF PHARMACEUTICAL SCIENCES</u> , vol. 84, no. 1, pp. 83-92, January 1995.	
	BK	MÖLLER, et al., "NMR-based determination of the binding epitope and conformational analysis of MUC-1 glycopeptides and peptides bound to the breast cancer-selective monoclonal antibody SM3", <u>EUR. J. BIOCHEM.</u> , vol. 269, pp. 144-1455, 2002.	
	BL	MORTARA, et al., "Selection of Virus Variants and Emergence of Virus Escape Mutants after Immunization with an Epitope Vaccine", <u>JOURNAL OF VIROLOGY</u> , vol. 72, no. 2, pp. 1403-1410, February 1998.	
	BM	PETRAKOU, et al., "Epitope Mapping of Anti-MUC1 Mucin Protein Core Monoclonal Antibodies", <u>TUMOR BIOL.</u> , vol. 19(suppl 1), pp. 21-29, 1998.	
	BN	REICHEL, et al., "Synthetic carbohydrate-based vaccines: synthesis of an L-glycero-D-manno-heptose antigen-T-epitope-lipopeptide conjugate", <u>CHEM. COMMUN.</u> , pp. 2087-2088, 1997.	
	BO	SAUZET, et al., "Long-lasting anti-viral cytotoxic T lymphocytes induced in vivo with chimeric-multirestricted lipopeptides", <u>VACCINE</u> , vol. 13, no. 14, pp. 1339-1345, 1995.	
	BP	SOARES, et al., "Three Different Vaccines Based on the 140-Amino Acid MUC1 Peptide with Seven Tandemly Repeated Tumor-Specific Epitopes Elicit Distinct Immune Effector Mechanisms in Wild-Type Versus MUC1-Transgenic Mice with Different Potential for Tumor Rejection", <u>THE JOURNAL OF IMMUNOLOGY</u> , vol. 166, pp. 6555-6563, 2001.	
	BQ	SPRINGER, Georg F., "T and Tn, General Carcinoma Autoantigens", <u>SCIENCE</u> , vol. 224, pp. 1198-1206, June 15, 1984.	
	BR	TAYLOR-PAPADIMITRIOU, et al., "Molecular aspects of mucins", <u>CANCER REV.</u> , vol. 11-12, pp. 11-24, 1988.	
	BS	TOYOKUNI, et al., "Synthetic Vaccines: Synthesis of a Dimeric Tn Antigen-Lipopeptide Conjugate That Elicits Immune Responses against Tn-Expressing Glycoproteins", <u>J. AM. CHEM. SOC.</u> , vol. 116, pp. 395-396, 1994.	
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	BT	VITIELLO, et al., "Development of a Lipopeptide-based Therapeutic Vaccine to Treat Chronic HBV Infection", <u>J. CLIN. INVEST.</u> , vol. 95, pp. 341-349, January 1995.		
	BU	VON MENSdorFF-POUILLY, et al., ABSTRACT ONLY, "Human MUC1 mucin: a multifaceted glycoprotein", <u>INT. J. BIOL. MARKERS</u> , vol. 15(4), pp. 343-56, October-December 2000.		
	BV	VON MENSdorFF-POUILLY, et al., "Reactivity of Natural and Induced Human Antibodies to MUC1 Mucin with MUC1 Peptides and N-Acetylgalactosamine (GalNAc) Peptides", <u>INT. J. CANCER</u> , vol. 86, pp. 702-712, 2000.		
	BW	VON MENSdorFF-POUILLY, et al., "Survival in Early Breast Cancer Patients Is Favorably Influenced by a Natural Humoral Immune Response to Polymorphic Epithelial Mucin", <u>JOURNAL OF CLINICAL ONCOLOGY</u> , vol. 18, no. 3, pp. 574-583, February 2000.		
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